

WHAT IS CLAIMED IS:

1. A polymer film comprising a biaxially oriented film of an impact copolymer polypropylene having a water-vapor transmission rate of greater than $5 \text{ g/m}^2 \cdot \text{d}$ (25 μm film) and less than $25 \text{ g/m}^2 \cdot \text{d}$ (25 μm film).
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2. The polymer film of Claim 1 wherein the final ethylene content of the impact copolymer polypropylene is from about 2 weight percent to about 20 weight percent.
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3. The polymer film of Claim 1 wherein the final ethylene content of the impact copolymer polypropylene is from about 5 weight percent to about 15 weight percent.
- 15 4. The polymer film of Claim 1 wherein the final ethylene content of the impact copolymer polypropylene is about 10 weight percent.
5. The polymer film of Claim 1 additionally comprising a filler.
- 20 6. The polymer film of Claim 5 wherein the filler is calcium carbonate.
7. A multilayer polymer film comprising a first layer of a polymer film of Claim 1, and attached thereto, a second polymer film.

8. The multilayer polymer film of Claim 7 wherein the second polymer film is random ethylene-propylene copolymer.
9. The multilayer polymer film of Claim 8 wherein the second polymer film is
5 coextruded onto the polymer film of Claim 1.
10. The multilayer polymer film of Claim 9 additionally comprising a third polymer film attached to the other side of the first layer of a polymer film of Claim 1.
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11. A method for preparing an opaque biaxially oriented film of Claim 1 comprising stretching in two dimensions a polypropylene-ethylene-propylene copolymer.
12. The method of Claim 11, wherein the polypropylene-ethylene-propylene
15 copolymer is prepared by sequential polymerization reaction processes.
13. The method of Claim 12, wherein the sequential polymerization reaction processes comprise a first catalytic homopolymer polypropylene polymerization
20 reaction process followed by a second catalytic heteropolymer propylene-ethylene polymerization reaction process.
14. The method of Claim 13, wherein the sequential polymerization reaction processes produce an ethylene: propylene ratio from about 1:2 to about 2:1.
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15. The method of claim 14, wherein the ethylene content of the polypropylene-ethylene-propylene copolymer is about 10 percent.
16. The method of claim 15, wherein the polypropylene-propylene-ethylene
5 copolymer is stretched in the longitudinal direction to a ratio of about 5:1 and wherein said mixture is also stretched in the transverse direction to a ratio of about 8:1.
17. The method of Claim 16 additionally comprising using the film to prepare
10 a package for food.
18. The method of Claim 16 additionally comprising using the film to prepare labeling media.
19. The method of Claim 16 additionally comprising using the film to prepare
15 a multilayer polymer film.